Docket No.: 20239/0202616-US0

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	
Sadamu Ishidu et al.	

Application No.: 10/539,926 Confirmation No.: 8405

Filed: June 14, 2005 Art Unit: 2811

For: SEMICONDUCTOR DEVICE Examiner: Sara W. Crane

RESPONSE TO RESTRICTION REQUIREMENT

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In the Office Action of September 14, 2006 regarding the above-referenced patent application, Applicants have been required to elect one of the following Species identified by the Examiner for further prosecution:

Species 1: Claims 8-18, directed to a device having a cavity formed in the upper surface of a substrate, with a semiconductor element mounted within the cavity;

Species 2: Claims 19-22, directed to a device having a metal layer formed on the upper surface of the substrate; and

Species 3: Claims 23-25, directed to a device having a H/Y ratio grater than or equal to 0.4.

Application No.: 10/539,926 2 Docket No.: 20239/0202616-US0

In addition, the Examiner has identified claims 1 and 4-7 as generic. Applicants hereby provisionally elect Species I, which is encompassed by current claims 8-18. Applicants reserve the right, if claims 1 and 4-7 are finally held to be allowable, to amend one or more of the claims of unelected Species 2 and 3 to depend from one of the allowable generic claims, and to rejoin these amended claims for consideration by the Examiner in accordance with 37 C.F.R. 1.141. Applicants further herby reserve the right to continue prosecution of one or more of the non-elected claims in a divisional application at a future time.

This provisional election of Species 1 is made with traverse. Applicants note that MPEP 37 C.F.R. 1.146 states the following:

In the <u>first action</u> on an application containing a generic claim to a generic invention (genus) and claims to more than one patentably distinct species embraced thereby, the examiner may require the applicant in the reply to that action to elect a species of his or her invention to which his or her claim will be restricted if no claim to the genus is found to be allowable. However, if such application contains claims directed to more than a reasonable number of species, the examiner may require restriction of the claims to not more than a reasonable number of species before taking further action in the application. (Emphasis added.)

Applicants submit that the present restriction requirement has been issued **after** the mailing of the first Office Action, which was mailed on April 6, 2006. Therefore, Applicants respectfully submit that the present restriction requirement is improper under the provisions of 37 C.F.R. 1.146 and request that the restriction requirement be reconsidered and withdrawn.

In view of the above amendment and remarks, Applicants believe the pending application is in condition for allowance. If there are any other issues remaining which the Examiner believes Application No.: 10/539,926 3 Docket No.: 20239/0202616-US0

could be resolved through a Supplemental Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned at the telephone number indicated below.

Dated: October 6, 2006

Respectfully submitted,

Thomas L. Bean

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Attorneys/Agents For Applicant

10-10-06

PTO/SB/21 (09-06) Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/539,926-Conf. #8405 TATRACE! Filing Date **TRANSMITTAL** June 14, 2005 First Named Inventor **FORM** Sadamu Ishidu Art Unit 2811 **Examiner Name** S. W. Crane (to be used for all correspondence after initial filing) Attorney Docket Number 1 20239/0202616-US0 Total Number of Pages in This Submission ENCLOSURES (Check all that apply) ুৰ After Allowance Communication Drawing(s) Fee Transmittal Form Appeal Communication to Board of Licensing-related Papers Fee Attached Appeals and Interferences Appeal Communication to TC Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please **Extension of Time Request** Terminal Disclaimer Identify below): Certificate of Mailing Request for Refund **Express Abandonment Request** Restriction Requirement CD, Number of CD(s) Postcard Information Disclosure Statement Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name DARBY & DARBY P.C. Signature Printed name Thomas J. Bean Date Reg. No. October 6, 2006 44,528 Application No. (if known): 10/539,926

Attorney Docket No.: 20239/0202616-US0

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on	October 6, 2006	
	Date	

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Transmittal Fprm (1 page)

Response to Restriction Requirement (with Traverse) (3 pages)

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